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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 10/032,377 | 12/21/2001 | Dong Zhong | 884.712US1 | 5461 |

21186 7590 12/21/2004

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| EXAMINER | |
|---|---|
| ABRAMS, NEIL | |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2839 | |

DATE MAILED: 12/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

| Office Action Summary | Application No. | Applicant(s) | |
|---|---|---|---|
| | 10/032,377 | ZHONG | |
| | Examiner | Art Unit | |
| | Neil Abrams | 2839 | |

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1)☒ Responsive to communication(s) filed on *16 September 2004*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4)☒ Claim(s) *1-28* is/are pending in the application.

4a) Of the above claim(s) *26-28* is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-25* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

**Application Papers**

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

The comment in last office action page 3, regarding the spec is repeated.

The drawing objections on page 3 are repeated. These features are necessary for proper understanding of the use of the invention.

Non-elected claims should be cancelled.

Claims 2, 3, 5-25 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use invention. As based on non-enabling disclosure for reasons in last office action, page 4.

Claims 1 and 4-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Arisaka alone or taken in view of Sato, Lockhart, Tanizawa, Biswas Deftari and Andric 114.

The patents are applied as in the last office action. Even without other references it would have been obvious to form the Arisaka power and ground terminals as rectangular members. Use of rectangular members further suggested by Andric at 130, 310. This change produces no new results.

Claims 12-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freehauf in view of Lockhart, Tanizawa, Lin, Arisaka, Baudoin and Briones.

The patents are applied as in last office action.

The Freehauf sockets are square equivalent to rectangular.

Claims 17-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freehauf in view of Lockhart, Briones and Baudoin.

See last office action and above reference to Freehauf sockets.

Claims 4-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freehauf in view of Arisaka, Andric, '145, Baudouin and Tanizawa.

See last office action.

Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freehauf in view of Arisaka and Tanizawa.

See last office action.

Claims 17-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lockart in view of Johnson and Bajorek.

See last office action.

Applicant's arguments filed with the amendment have been fully considered but they are not persuasive. The features suchas rectangular contacts, central capacitors, etc are disclosed in a schematic manner without any discussion of how the parts interrelate to form an operable device or of why they arranged as recited. The claimed structures are therefore considered a matters of design producing no new result over reference arrangement of sockets and capacitors. The main feature tied in with results is use of large ground and power contacts and this is taught by Arisaka and Andric 114.**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication should be directed to Neil Abrams at telephone number (571)272-2089.

Abrams/ds

12/16/04

N. Abrams

NEIL ABRAMS
EXAMINER
ART UNIT 322